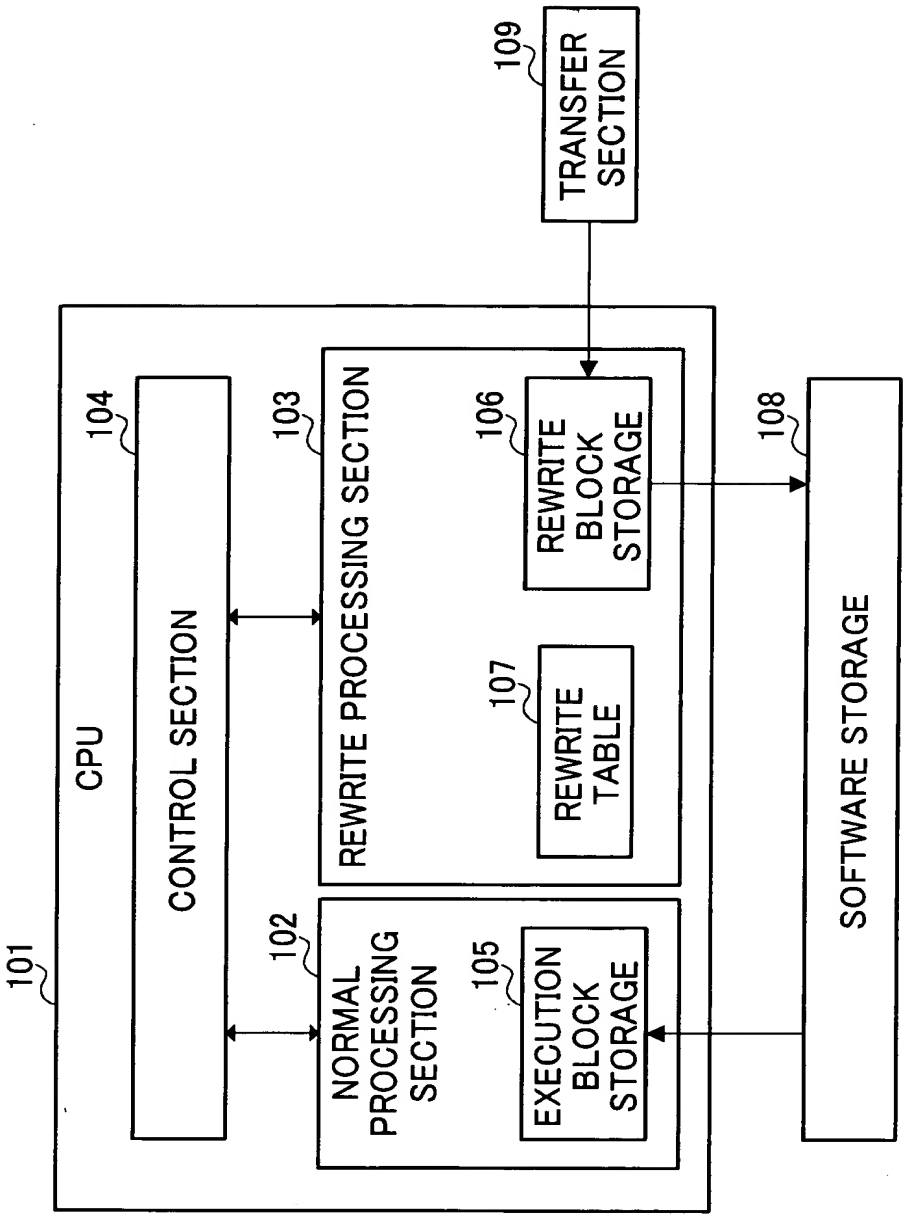
101
CPU
104
CONTROL SECTION
103
REWRITE PROCESSING SECTION
106
REWRITE BLOCK STORAGE
107
REWRITE TABLE
102
NORMAL PROCESSING SECTION
105
EXECUTION BLOCK STORAGE
109
TRANSFER SECTION
108
SOFTWARE STORAGE

FIG.1

TOSHO 52920860

(A) OLD SOFTWARE

BLOCK 1
BLOCK 2
BLOCK 3
BLOCK 4
BLOCK 5
BLOCK 6
BLOCK 7
BLOCK 8
BLOCK 9
BLOCK 10

(B) REWRITE TABLE

BLOCK NUMBER	EXECUTION STATE
BLOCK 1	IN EXECUTION
BLOCK 2	IN EXECUTION
BLOCK 3	IN EXECUTION

(1)

BLOCK NUMBER	EXECUTION STATE
BLOCK 1	IN STOP
BLOCK 2	IN STOP
BLOCK 3	IN STOP

(2)

(C) BLOCK IN EXECUTION

BLOCK 1
BLOCK 2
BLOCK 3

(1)

BLOCK 8
BLOCK 9
BLOCK 10

(2)

FIG.2

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(A) OLD SOFTWARE

BLOCK 1
BLOCK 2
BLOCK 3
BLOCK 4
BLOCK 5
BLOCK 6
BLOCK 7
BLOCK 8
BLOCK 9
BLOCK 10

(B) REWRITE TABLE

BLOCK NUMBER	EXECUTION STATE	REWRITING STATE
BLOCK 1	IN EXECUTION	UNFINISHED
BLOCK 2	IN EXECUTION	UNFINISHED
BLOCK 3	IN EXECUTION	UNFINISHED
BLOCK 8	IN STOP	UNFINISHED→FINISHED
BLOCK 9	IN STOP	UNFINISHED→FINISHED
BLOCK 10	IN STOP	UNFINISHED→FINISHED

(1)

BLOCK NUMBER	EXECUTION STATE	REWRITING STATE
BLOCK 1	IN STOP	UNFINISHED→FINISHED
BLOCK 2	IN STOP	UNFINISHED→FINISHED
BLOCK 3	IN STOP	UNFINISHED→FINISHED
BLOCK 8	IN EXECUTION	FINISHED
BLOCK 9	IN EXECUTION	FINISHED
BLOCK 10	IN EXECUTION	FINISHED

(2)

(C) BLOCK IN EXECUTION

BLOCK 1
BLOCK 2
BLOCK 3

(1)

BLOCK 8
BLOCK 9
BLOCK 10

(2)

FIG.3

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